



March 27, 1991

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P.O. Box 24348
Seattle, Washington 98124-4348
(206) 763-4244
Fax: (206) 764-5782

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

UST Closure Report
Alaska Marine Lines, Inc.
Seattle, WA

To Whom It May Concern,

Transmitted herein the documents concerning UST closures at two Alaska Marine Lines' facilities located in Seattle, Washington. These documents are provided to comply with rules and regulations concerning change-in-service for USTs. The address of each site and the documents that are enclosed for each site are as follows:

7100 Second Avenue Southwest, Seattle, Washington

- * UST Checklist
- * UST Change-In-Service Checklist
- * Site Assessment for USTs
- * Soil and Ground-Water Assessment

5615 West Marginal Way Southwest, Seattle, Washington

- * UST Checklist
- * UST Change-in-Service Checklist
- * Site Assessment for USTs

If you have any questions concerning the UST closures, please do not hesitate to call me (206) 763-4244 or my consultant, Susan Kent with Dames & Moore (206) 728-0744.

Sincerely,
Alaska Marine Lines, Inc.

William E. Troy
President

cc: file

P.O. Box 578
Sitka, Alaska 99835
(907) 747-6625
Fax: (907) 747-6433

3295 Tongass
Ketchikan, Alaska 99901
(907) 225-7660
Fax: (907) 225-6291

P.O. Box 349
Wrangell, Alaska 99929
(907) 874-3314

P.O. Box 1609
Haines, Alaska 99827
(907) 766-2221

P.O. Box 788
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P.O. Box 355
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550 South Franklin
Juneau, Alaska 99801
(907) 586-3790
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P.O. Box 305
Yakutat, Alaska 99689
(907) 784-3392
Fax: (907) 784-3302

To: Bobbie Strong (BOBBIE)
Subject: AML CONTAMINATION

11:41:31 06 FEB 1991
P9955/156414 Page 1

Number: P9955/156414
Message date: 06 FEB 1991 11:35AM
Sender: Bobbie Strong (BOBBIE) LI,GO
From: BOBBIE
To: JJ CHOLM DICKK TROY
Subject: AML CONTAMINATION
cc: BOBBIE

IN TALKING WITH DAMES & MOORE TODAY REGARDING THEIR LATEST TESTING: SOIL BORINGS AT WEST MARG. DO NOT SHOW SIGNS OF CONTAMINATION AT BORDERS OF PROPERTY INSINUATING THAT CONTAMINATION IS RELATIVELY WELL CONTAINED AROUND TANK EXCAVATION. LAB ANALYSES OF SOIL AND WATER SAMPLES WILL BE AVAILABLE LATE NEXT WEEK. AT THIS POINT, THE DRAFT REMEDIATION PROPOSAL WILL MOST LIKELY BE TO EXCAVATE AND FARM THE SOIL ALA LYNDEN TRANSPORT. THIS WILL BE THE MOST COST EFFECTIVE WAY AND CAN TAKE PLACE WHEN (IF?) AML EXPANDS THEIR WAREHOUSE.

THE DRAFT REMEDIATION PROPOSAL FOR 2ND AVE. WILL BE IN OUR HANDS NEXT WEEK AND WILL PROPOSE TO DEP'T. OF ECOLOGY THAT NO PHYSICAL REMEDIATION TAKE PLACE---THAT WELLS CURRENTLY IN PLACE BE MONITORED ON A PERIODIC BASIS TO AFFIRM THAT THERE IS NO MIGRATION OF CONTAMINANTS TOWARDS DUWAMISH. WILL KEEP ALL INFORMED AND WILL BE CONSULTING WITH BOGLE'S OFFICE RE: DRAFT PROPOSAL.

== End of Message ==

To: Bobbie Strong (BOBBIE)
Subject: DAMES & MOORE REPORT TO DOE

11:08:40 06 MAR 1991
P9955/160427 Page 1

Number: P9955/160427
Message date: 06 MAR 1991 10:59AM
Sender: Bobbie Strong (BOBBIE) LI,GO
From: BOBBIE
To: TROY KITTY CHOLM DEWALT
Subject: DAMES & MOORE REPORT TO DOE
cc: DICKK BOBBIE

THE FINAL REPORT AND PROPOSAL FOR REMEDIATION FOR 2ND AVE WILL BE SENT WITH A COVER LETTER TO BILL FOR HIS SIGNATURE AND FORWARDING TO DOE. THE REPORT WILL RECOMMEND THAT NO REMEDIATION OCCUR AND THAT THE SITE WELLS BE MONITORED QUARTERLY FOR ONE YEAR, THE ESTIMATED COST TO BE \$32,000 FOR THE SAMPLE COLLECTION, LAB ANALYSES AND FINAL SITE ASSESSMENT REPORT AT THE END OF THE MONITORING PERIOD. DOE'S REPLY (OR BLESSING) MAY TAKE 90 DAYS FROM WHEN THEY RECIEVE IT.

THE DRAFT REPORT FOR WEST MARGINAL WAY WILL BE IN OUR HANDS THE END OF THIS WEEK AND, BARRING ANY MAJOR PROBLEMS ON OUR PART, COULD BE READY TO SUBMIT TO DOE LATE THE FOLLOWING WEEK. IT WILL VIRTUALLY MIRROR THE 2ND AVE ASSESSMENT AND WILL ALSO RECOMMEND QUARTERLY MONITORING FOR ONE YEAR WHICH WILL COST ABOUT THE SAME AS 2ND AVE.

RISK NO. 1 (AND IS OUT OF OUR HANDS) IS THAT DOE WILL REQUIRE ADDITIONAL TESTING AND/OR SOME PHYSICAL REMEDIATION. DAMES DOES NOT RATE THIS AS BEING A VERY SIGNIFICANT RISK, BUT IT IS THERE.

RISK NO. 2 IS THAT THE QUARTERLY MONITORING WILL INDICATE THAT THE CONTAMINATION IS MIGRATING AND COULD POSE A POTENTIAL DANGER TO THE DUWAMISH (IN THE CASE OF SECOND AVE) OR THAT THE NATURAL GROUND WATER FLUSHING ACTION THAT IS PRESENT AT WEST MARGINAL IS NOT REDUCING THE CONTAMINATION THERE. IN THE CASE OF 2ND AVE, THE CONTAMINATION IS OLD ENOUGH THAT THIS MIGRATION DOES NOT APPEAR TO PRESENT A SIGNIFICANT RISK. IN THE CASE OF WEST MARGINAL WAY, SIMPLY SHUTTING DOWN THE SYSTEM AND REMOVING THE SOURCE OF THE CONTAMINATION HAS APPARENTLY RESULTED IN DECREASING LEVELS OF CONTAMINATION BETWEEN THE REMOVAL EVENT AND THE LATEST MONITORING SO THIS RISK DOES NOT APPEAR TO BE SIGNIFICANT EITHER.

DAMES WILL PRODUCE A COPY OF ALL REPORTS AND ASSESSMENTS FOR BILL AND A COPY FOR CHRISTEL'S FILES HERE AT LIGO.

== End of Message ==

To: Bobbie Strong (BOBBIE)
Subject: 2ND AVE. UST'S

17:05:30 05 MAR 1991
P9955/160278 Page 1

Number: P9955/160278
Message date: 05 MAR 1991 03:01PM
Sender: Bobbie Strong (BOBBIE) LI,GO
From: BOBBIE
To: TROY DEWALT CHOLM KITTY
Subject: 2ND AVE. UST'S
cc: DICKK BOBBIE

I HAVE NOT UP-DATED THE ILIB FILE ON THIS PROBLEM RECENTLY, SO HERE GOES:

THE TWO UST'S HAVE BEEN REMOVED FROM 2ND AVE UNDER THE BRIDGE. THERE WAS QUITE A BIT OF EVIDENT CONTAMINATION IN THE SOIL WHEN THE TANKS WERE EXCAVATED. DAMES & MOORE MONITORED THE REMOVAL AND HAS TENDERED A DRAFT CLOSURE REPORT WHICH I HAVE FORWARDED TO CHUCK BLUMENFELD AT BOGLE & GATES AND WHICH HE HAS BLESSED. THE B & C EQUIPMENT INVOICE FOR THE REMOVAL AND DISPOSAL WAS APPROX. \$18,000 WHICH I HAVE FORWARDED TO LAEL FOR APPROVAL.

DAMES & MOORE HAS ALSO TENDERED A DRAFT SOIL & GROUND WATER ASSESSMENT WHICH I HAVE ALSO FORWARDED TO CHUCK BLUMENFELD AND WHICH HE BLESSED WITH SOME MINOR CHANGES. THIS ASSESSMENT ESSENTIALLY PROPOSES TO DEP'T OF ECOLOGY THAT BECAUSE OF THE NATURE AND AGE OF THE CONTAMINATION AND BECAUSE IT APPEARS TO POSE NO IMMEDIATE THREAT TO THE ENVIRONMENT THAT NO PHYSICAL REMEDIATION NEED TO OCCUR BUT THAT WE WILL MONITOR THE WELLS THAT DAME & MOORE BORED ON THE PROPERTY QUARTERLY FOR ONE YEAR TO SUBSTANTIATE THEIR ASSESSMENT. THE COST FOR DOING THIS IS ESTIMATED TO BE \$32,000 AND WILL INCLUDE THE FINAL SITE ASSESSMENT REPORT TO THE DOE. THE PROPOSAL WILL BE SENT TO DOE THIS WEEK WITH THEIR DECISION COMING SHORTLY THEREAFTER.

THERE WILL BE A SIMILAR ASSESSMENT SENT TO DOE ON THE WEST MARGINAL WAY PROPERTY. A SECOND ROUND OF TESTS HAVE SHOWN THAT THE CONTAMINATION HAS NOT MOVED OFFSITE AND IS DIMINISHING PROBABLY AS A RESULT OF LARGE GROUNDWATER MOVEMENTS FLUSHING THE AREA. THE PROPOSAL FOR REMEDIATION IS GOING TO BE A RECOMMENDATION BY DAMES TO DOE THAT THIS SITE'S WELLS BE MONITORED QUARTERLY FOR ONE YEAR AND THEN A FINAL ASSESSMENT IS TO BE WRITTEN AND SENT TO DOE.

== End of Message ==

To: Bobbie Strong (BOBBIE)
Subject: UST'S IN S.E. PORTS

11:03:34 30 JAN 1991
P6350/916717 Page 1

Number: P6350/916717
Message date: 30 JAN 1991 11:00AM
Sender: Bill Troy (TROY) AML,GO
From: TROY
To: LAEL BOBBIE GOLSON KEVINA GORDIE
Subject: UST'S IN S.E. PORTS
cc: TROY

WHAT IS THE STATUS OF THE TANK REMOVALS IN OUR FACILITIES IS THE VARIOUS
PORTS. WE NEED TO PROCEED RAPIDLY IF TANKS ARE TO BE REMOVED THIS YEAR.
AND, IF WE ARE GOING TO TAKE THEM OUT THIS YEAR,LET'S DO IT BEFORE THE
SEASON REALLY GETS STARTED.
BT

== End of Message ==